Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**4.2 Introduction to Similarity Continued Homework**





Directions: You will create a possible set of measurements for the bigger version. Fill in the information below.

1. Length measurements for the bigger version:

AB = \_\_\_\_\_\_\_ BC = \_\_\_\_\_\_\_ CD = \_\_\_\_\_\_\_ DE = \_\_\_\_\_\_\_ AE = \_\_\_\_\_\_\_

2. Angle measurements for the bigger version:

= \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_ = \_\_\_\_\_\_\_

3. Which measurements change from the original version? Which measurements do not?

4. If any measurements do change, how would you describe the way in which they change? Is it the same type of change between all measurements?